



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/680,856	10/07/2003	Mikimasa Matsui	MAEDA.001AUS	5817
7590 10/05/2005 MURAMATSU & ASSOCIATES Suite 310 114 Pacifica Irvine, CA 92618			EXAMINER MUSSER, BARBARA J	
			ART UNIT	PAPER NUMBER
			1733	

DATE MAILED: 10/05/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/680,856

Applicant(s)

MATSUI, MIKIMASA

Examiner

Barbara J. Musser

Art Unit

1733

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 26 July 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) 7-17 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
  - 2) ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

***Election/Restrictions***

1. Claims 7-17 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected invention, there being no allowable generic or linking claim. Election was made **without** traverse in the reply filed on 7/26/05.

***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over the admitted prior art in view of any of Adams et al.(U.S. Patent 4,445,954), Phelps(U.S. Patent 5,326,417), and Friedman(U.S. Patent 3,094,716).

The admitted prior art discloses forming a sunshade by pressing a resin plate to a desired shape and cutting it, attaching a sheet to one side of the shaped member so that one end of the sheet extends outward of the shaped member, and wrapping then extending end of the sheet around the end of the shaped member.([0003]-[0005]) The admitted prior art does not disclose pressure forming the resin plate and sheet to shape and bond them together at the same time. Adams et al.(Figure), Phelps(Figures 3-4A), and Friedman(Figures 1 and 2) disclose it is well-known in the molding arts to shape and bond a base and sheet at the same time. It would have been obvious to one of ordinary skill in the art at the time the invention was made to shape the resin plate at the

Art Unit: 1733

same time it is bonded to the sheet since this is well-known and conventional in general in the molding arts as shown for example by Adams et al.(Figure), Phelps(Figures 3-4A), and Friedman(Figures 1 and 2). While the admitted prior art discloses pressing prior to cutting the resin plate to shape, one in the art would appreciate that since the plate is shaped and bonded to the sheet at the same time, the plate would have to be cut to the desired shape prior to shaping and bonding so that it would fit correctly with the sheet. While the references do not disclose trimming the sheet and shaped member, it is well-known in general to trim articles to the final desired size after processing, and it would have been obvious to perform final trimming on the sheet and shaped member to remove excess material since using materials slightly bigger than the desired end product allows for slight variations in placement of the sheet and resin plate relative to one another and insures that the final product is not smaller than it is intended to be.

Regarding claims 2 and 3, bending of a sheet around a soft material conventionally presses the lower edge inward so it would have been obvious to one of ordinary skill in the art at the time the invention was made to make the bottom edge of the resin plate longer so that when the sheet is bent around it, the pressure of the bending forces the front to be flat rather than sloped.

Regarding claim 4, the admitted prior art discloses the front end of the sheet is bonded to the front of the shaped resin plate.([0003]-[0005])

Regarding claims 5 and 6, the admitted prior art discloses an adhesive sheet between the sheet and the shaped resin plate.[0005]


**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Barbara J. Musser whose telephone number is (571) 272-1222. The examiner can normally be reached on Monday-Thursday; alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Dunn can be reached on (571)-272-1171. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
BJM

  
**BAOCHUAN YAO**  
**SENIOR EXAMINER**